

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 2177.04US03

Luthra et al.

Confirmation No.: 2894

Application No.: 10/751,706

Examiner: Unknown

Filed: January 5, 2004

Group Art Unit: 1617

For: POLYSACCHARIDE BIOMATERIALS AND METHODS OF USE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
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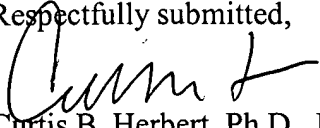
Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date. No certification or fee is required.

Copies of the references were cited by or submitted to the Office in Patent Application No. 10/179,453, filed June 25, 2002, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these references are not attached. 37 C.F.R. § 1.98(d).

Respectfully submitted,


Curtis B. Herbert, Ph.D., Esq.
Registration No. 45,443

Application No. 10/751,706

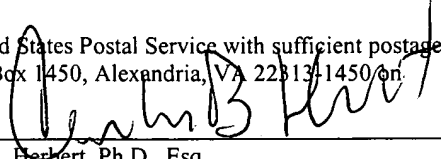
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Curtis B. Herbert, Ph.D., Esq.



Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Complete if Known

Application Number	10/751,706
Filing Date	January 5, 2004
First Named Inventor	Luthra et al.
Art Unit	1617
Examiner Name	Unknown
Attorney Docket Number	2177.04US03

Sheet 1 of 3

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code ² (if known)		
		US-3,954,583	05-04-1976	Lednicer et al.
		US-4,082,727	04-04-1978	Nagata et al.
		US-4,239,664	12-16-1980	Teng et al.
		US-4,331,697	05-25-1982	Kudo et al.
		US-4,469,827	09-04-1984	Pusineri et al.
		US-4,722,906	02-02-1988	Guire
		US-4,987,181	01-22-1991	Bichon et al.
		US-5,047,020	09-10-1991	Hsu
		US-5,183,872	02-02-1993	Heidel et al.
		US-5,270,046	12-14-1993	Sakamoto et al.
		US-5,344,455	09-06-1994	Keogh et al.
		US-5,417,969	05-23-1995	Hsu et al.
		US-5,462,976	10-31-1995	Matsuda et al.
		US-5,512,329	04-30-1996	Guire et al.
		US-5,541,167	07-30-1996	Hsu et al.
		US-5,583,213	12-10-1996	Yafuso et al.
		US-5,728,751	03-17-1998	Patnaik

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
	*	WO 97/01173	1/9/97	Chaskin	
	*	EP049828A1	10/2/81	Bohn et al.	
	*	EP049828B1	10/2/81	Bohn et al.	
		EP0769503	10/17/95	Motomura	

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				Filing Date		January 5, 2004
				First Named Inventor		Luthra et al.
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				Examiner Name		Unknown
Sheet	2	of	3	Attorney Docket Number		2177.04US03
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
		Number-Kind Code ² (if known)				
		US-5,741,551	04-21-1998	Guire et al.		
		US-5,741,881	04-21-1998	Patnaik		
		US-5,763,504	06-09-1998	Matsuda et al.		
		US-5,776,184	07-07-1998	Tuch		
		US-5,783,570	06-21-1998	Yokota et al.		
		US-5,837,747	11-17-1998	Soon-Shiong et al.		
		US-5,846,530	12-08-1998	Soon-Shiong et al.		
		US-5,855,618	01-05-1999	Patnaik et al.		
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		US-5,945,457	08-31-1999	Plate et al.		
		US-5,993,890	11-30-1999	Marchant et al.		
		US-6,060,582	05-09-2000	Hubbell et al.		
		US-6,096,798	08-01-2000	Luthra et al.		
		US-6,121,027	09-19-2000	Clapper et al.		
		US-6,127,348	10-03-2000	Roufa et al.		
		US-6,514,734	02-04-2003	Clapper et al.		
		US-				
FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	X	EP0781566	12/20/96	Yokota et al.		
	X	WO 90/00887	2/8/90	Guire et al.		
	X	WO 97/41164	11/6/97	Luthra et al.		
	X	EP 0149693	7/31/85	Kuypers		
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<p><small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small></p> <p><small>¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.</small></p> <p><small>This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</small></p>						

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Sheet	3	of	3	Attorney Docket Number	2177.04US03
NON PATENT LITERATURE DOCUMENTS					
EXAMINER INITIAL*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
		Ratner et al., Biomaterials Science, An Introduction to Materials in Medicine, 1996 Academic Press, pages 60-64, 165-173, and 193-199.			
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<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.</p> <p>This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</p> <p style="text-align: center;"><i>If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.</i></p>					